

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048654.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 00:32
 Operator : YP/AJ
 Sample : P4620-24
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 P001-CF16-01MSD

Integration File: autoint1.e
 Quant Time: Nov 05 02:09:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.370	7167162	47.221 ug/ml
Spiked Amount 50.000		Recovery =	94.44%
6) S 2-Fluorobiphenyl (SURR)	8.220	4705355	47.920 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.84%
11) S ortho-Terphenyl (SURR)	11.254	5568802	32.692 ug/ml
Spiked Amount 50.000		Recovery =	65.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	5227343	30.047 ug/mlm
2) T Naphthalene (C11.7)	5.710	6027335	33.779 ug/ml
3) T 2-Methylnaphthalene (...)	6.757	5925001	33.125 ug/ml
5) T Acenaphthylene (C15.06)	8.023	6707847	38.201 ug/ml
7) T Acenaphthene (C15.5)	8.318	7054056	39.772 ug/ml
8) T Fluorene (C16.55)	9.096	6856831	40.564 ug/ml
9) T Phenanthrene (C19.36)	10.483	6699548	40.528 ug/ml
10) T Anthracene (C19.43)	10.559	6716584	42.002 ug/ml
12) T Fluoranthene (C21.85)	12.287	6806407	41.357 ug/mlm
13) T Pyrene (C20.8)	12.580	6620954	41.104 ug/ml
14) T Benzo[a]anthracene (C...	14.450	6265489	42.851 ug/mlm
15) T Chrysene (C27.41)	14.493	6352768	38.620 ug/ml
16) T benzo[b]fluoranthene ...	15.997	6284499	41.337 ug/ml
17) T Bnezo[k]fluoranthene ...	16.031	6326883	42.094 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	6123150	40.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	6512633	49.914 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	6231842	38.294 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	6243586	40.783 ug/ml

(f)=RT Delta > 1/2 Window

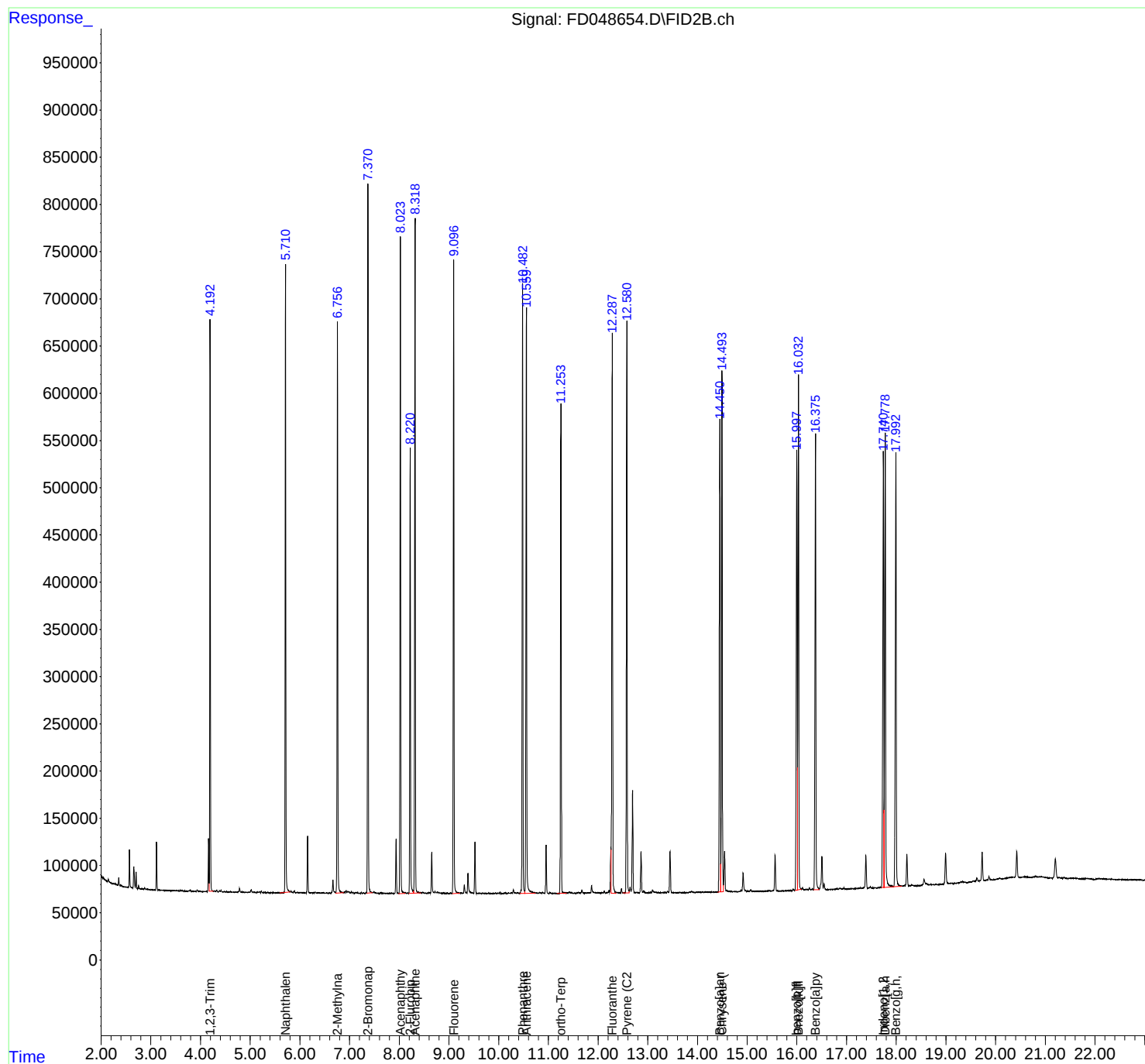
(m)=manual int.

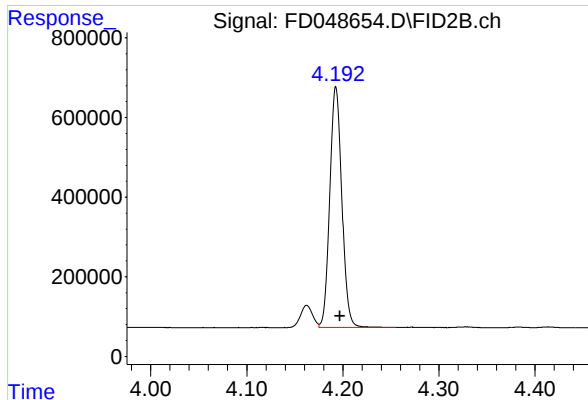
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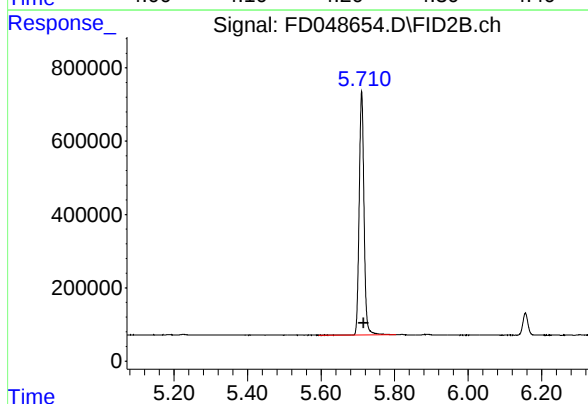




#1 1,2,3-Trimethylbenzene (C10.1)

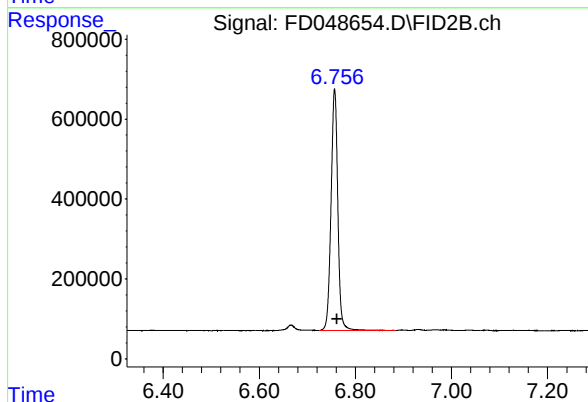
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 5227343
Conc: 30.05 ug/ml

Instrument :
FID_D
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P001-CF16-01MSD



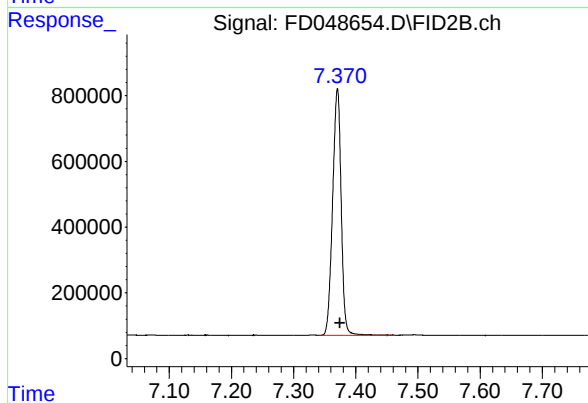
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.005 min
Response: 6027335
Conc: 33.78 ug/ml



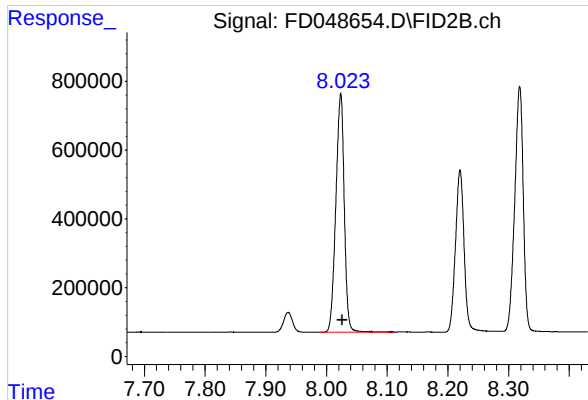
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 5925001
Conc: 33.13 ug/ml



#4 2-Bromonaphthalene (SURR)

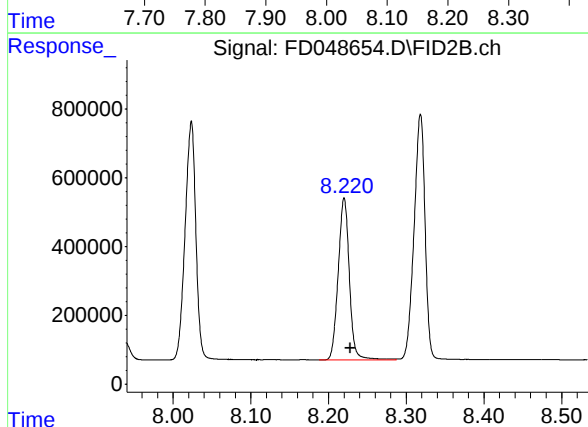
R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 7167162
Conc: 47.22 ug/ml



#5 Acenaphthylene (C15.06)

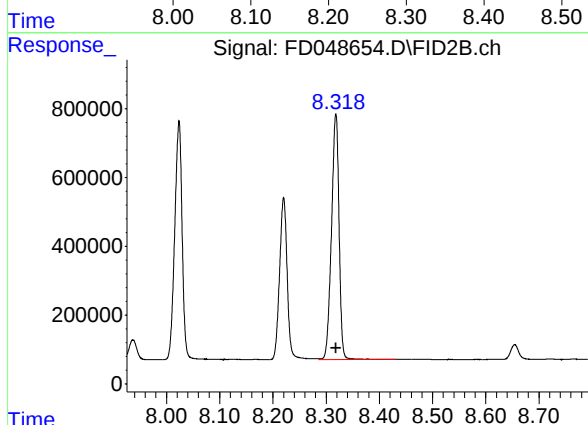
R.T.: 8.023 min
Delta R.T.: -0.003 min
Response: 6707847
Conc: 38.20 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF16-01MSD



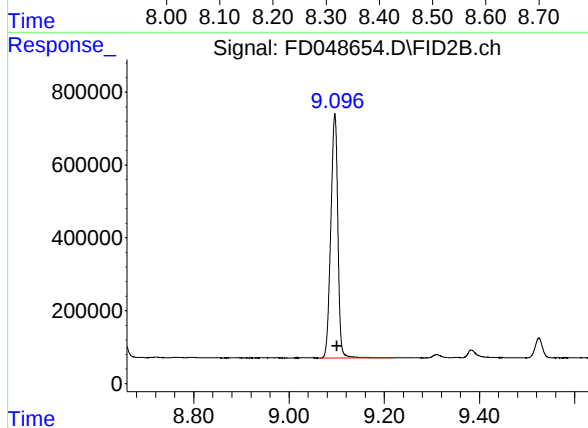
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 4705355
Conc: 47.92 ug/ml



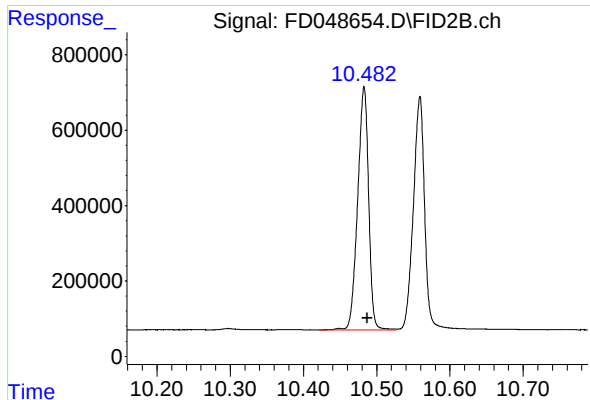
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 7054056
Conc: 39.77 ug/ml



#8 Flouorene (C16.55)

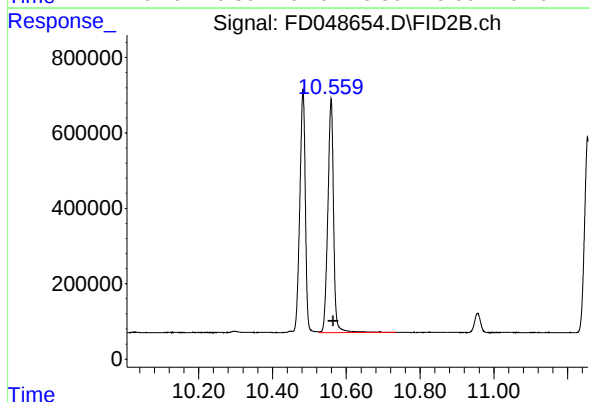
R.T.: 9.096 min
Delta R.T.: -0.004 min
Response: 6856831
Conc: 40.56 ug/ml



#9 Phenanthrene (C19.36)

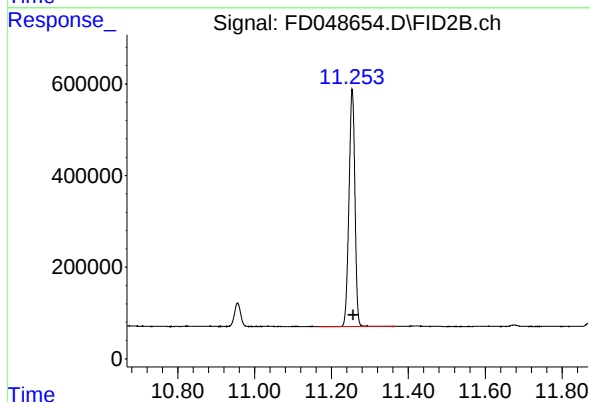
R.T.: 10.483 min
Delta R.T.: -0.005 min
Response: 6699548
Conc: 40.53 ug/ml

Instrument :
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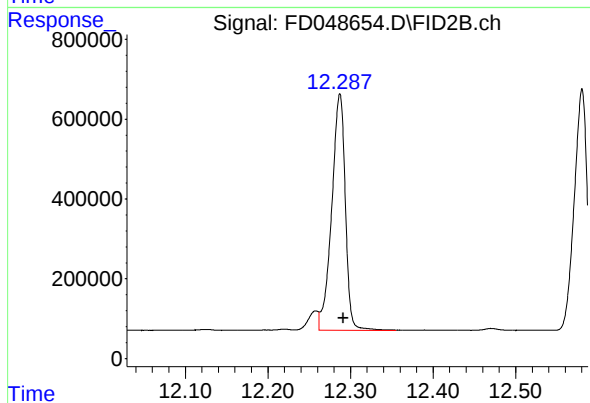
#10 Anthracene (C19.43)

R.T.: 10.559 min
Delta R.T.: -0.006 min
Response: 6716584
Conc: 42.00 ug/ml



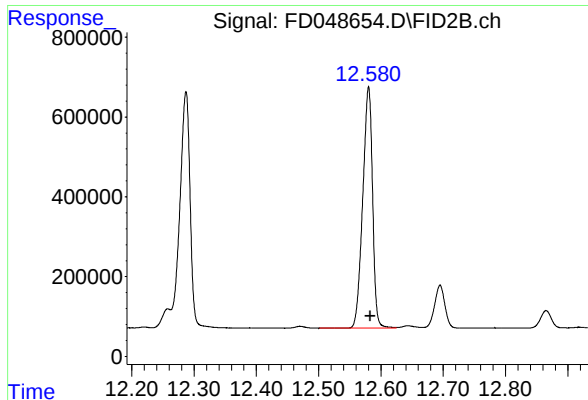
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 5568802
Conc: 32.69 ug/ml



#12 Fluoranthene (C21.85)

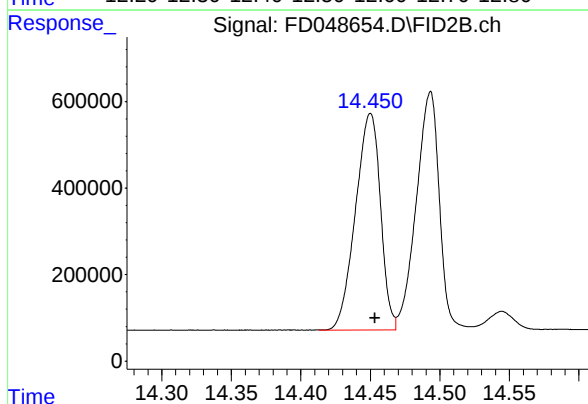
R.T.: 12.287 min
Delta R.T.: -0.005 min
Response: 6806407
Conc: 41.36 ug/ml m



#13 Pyrene (C20.8)

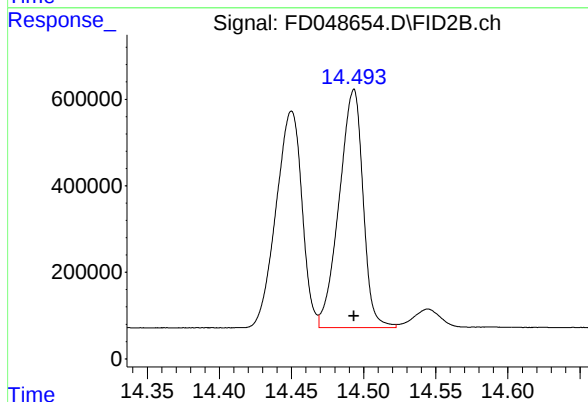
R.T.: 12.580 min
Delta R.T.: -0.003 min
Response: 6620954
Conc: 41.10 ug/ml

Instrument :
FID_D
ClientSampleId :
P001-CF16-01MSD



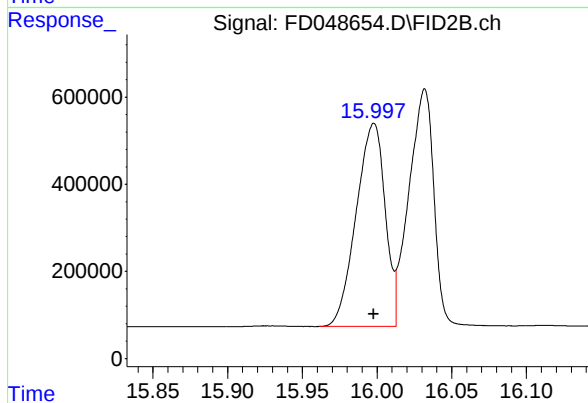
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: -0.003 min
Response: 6265489
Conc: 42.85 ug/ml



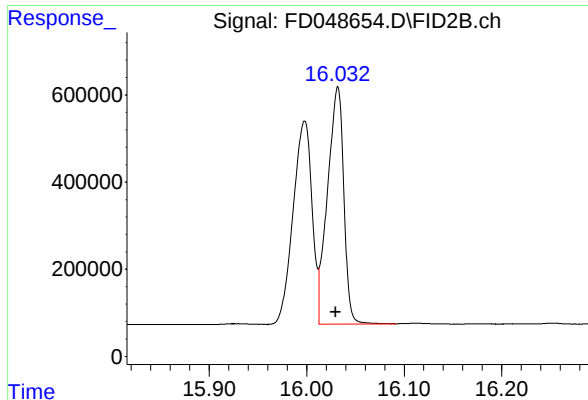
#15 Chrysene (C27.41)

R.T.: 14.493 min
Delta R.T.: 0.000 min
Response: 6352768
Conc: 38.62 ug/ml



#16 benzo[b]fluoranthene (C30.41)

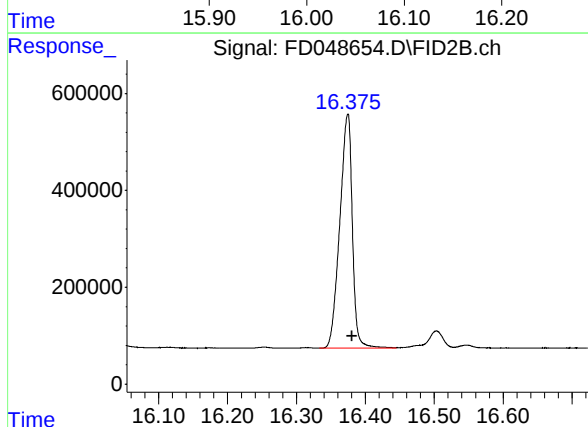
R.T.: 15.997 min
Delta R.T.: 0.000 min
Response: 6284499
Conc: 41.34 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

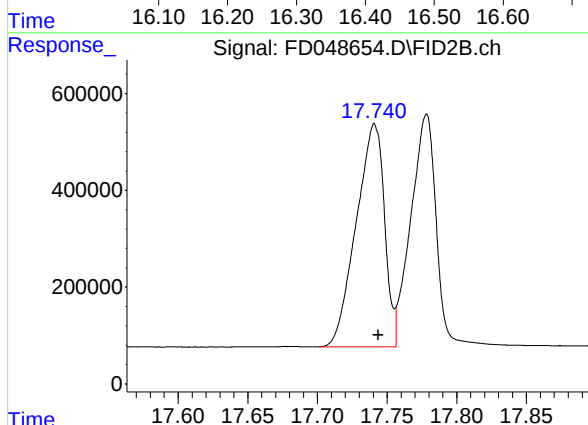
R.T.: 16.031 min
Delta R.T.: 0.002 min
Response: 6326883
Conc: 42.09 ug/ml

Instrument :
FID_D
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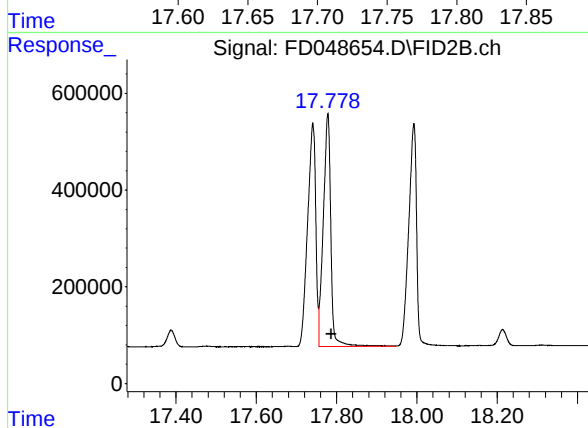
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: -0.007 min
Response: 6123150
Conc: 40.69 ug/ml



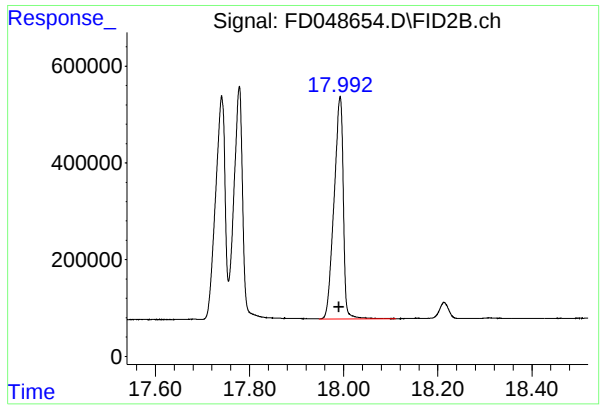
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: -0.003 min
Response: 6512633
Conc: 49.91 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.778 min
Delta R.T.: -0.009 min
Response: 6231842
Conc: 38.29 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.992 min
Delta R.T.: 0.002 min
Response: 6243586
Conc: 40.78 ug/ml

Instrument :

FID_D

ClientSampleId :

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